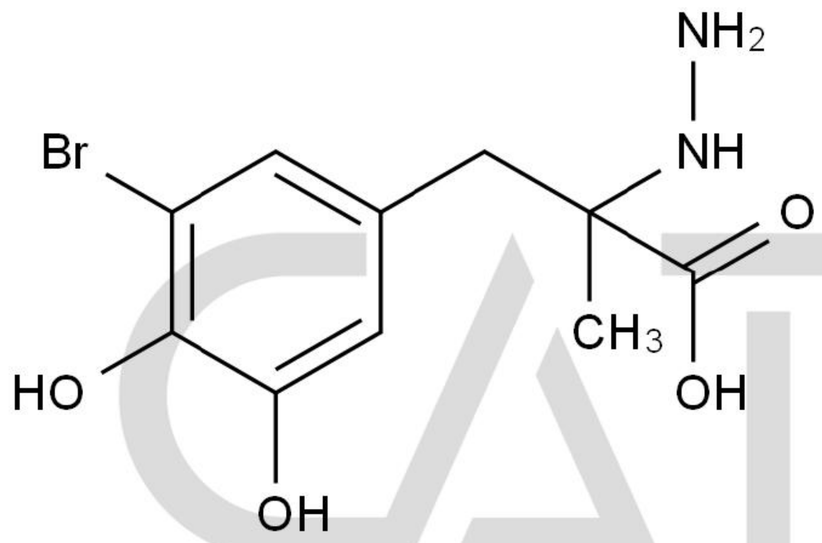
Certificate of Analysis

Reference Material & Standard

Product Name:	rac-Carbidopa EP Impurity I	**Catalogue Number:**	CP109110
Synonyms:	N/A	**Lot Number:**	0816-RH-0020
CAS Number:	1246819-09-9	**Expiry Date:**	Aug 18, 2030
Molecular Formula:	$C_{10}H_{13}BrN_2O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	305.13	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.79%
Loss on Drying	TGA	8.485%
Assay		91.3%

CATO Research Chemicals Inc.

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Date: Aug 20, 2026

Reviewed by: Date: Aug 21, 2026

Approved by General Manager: Date: Aug 21, 2026